

# Algae Toxin (Microcystin) Data Summary

## Kissimmee Chain of Lakes

Updated September 15, 2006

Station Identification	Date Collected	Chlorophyll a mg/m <sup>3</sup>	Flag	Microcystin LR Concentration Equivalents (µg/L)	Flag	Field Observations on Bloom
A03 (East Lake Tohopekaliga)	1/24/2006	-		<0.1	U	no blue green algae observed
	2/21/2006	-		<0.1	U	moderate algae bloom in upper 0.5 meter of water column
	3/21/2006	-		<0.1	U	no bloom observed
	4/18/2006	-		<0.1	U	-
	5/2/2006	1.7	I	<0.1	U	no blue green algae present
	5/16/2006	-		<0.1	U	no blue green algae present
	6/6/2006	1.5	I	<0.1	U	no blue green algae present
	6/20/2006	-		<0.1	U	no blue green algae present
	7/6/2006	1.1	I	<0.1	U	no blue green algae present
	7/18/2006	-		<0.1	U	no blue green algae present
	8/1/2006	3.2	I	<0.1	U	no blue green algae present
	8/22/2006	-		<0.1	U	no blue green algae present
B09 (Lake Tohopekaliga)	9/5/2006	3.5	I	<0.1	U	
	1/23/2006	-		<0.1	U	no blue green algae observed
	2/20/2006	-		<0.1	U	noticeable algae on water surface
	3/20/2006	-		<0.1	U	-
	4/17/2006	-		<0.1	U	no blue green algae visible in water column or surface
	5/2/2006	29.5		0.3	I	no blue green algae present
	5/16/2006	-		0.5	I	no blue green algae present
	6/6/2006	20		0.7	I	no blue green algae present
	6/19/2006	-		2		no blue green algae present
	7/6/2006	30		1.1		no blue green algae present
	7/18/2006	-		0.7	I	no blue green algae present
	8/1/2006	25.6		1.1		no blue green algae present
C03 (Cypress Lake)	8/21/2006	-		1.2		no blue green algae present
	9/5/2006	48.6		1.2		
	1/24/2006	-		0.2	I	no blue green algae observed
	2/21/2006	-		<0.1	U	moderate algae bloom
	3/21/2006	-		<0.1	U	bloom observed in water column
	4/18/2006	-		0.2	I	-
	5/2/2006	73.7		0.6	I	no blue green algae present
	5/16/2006	20.8		0.9		light concentration of blue green algae in water column
	6/6/2006	20.8		1.2		no blue green algae present
	6/20/2006	-		1.6		blue green algae in water column in moderate concentration
	7/6/2006	28.8		1.2		no blue green algae present
	7/18/2006	-		0.5	I	blue green algae in water column in moderate concentration
	8/1/2006	14.7		1.0		no blue green algae present
	8/22/2006	-		1.1		blue green algae in water column in moderate concentration
	9/5/2006	72.9		1.5		

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D02 (Lake Hatchineha)	1/23/2006	-		0.2	I	no blue green algae visible
	2/27/2006	-		<0.1	U	no blue green algae visible
	3/20/2006	-		0.2	I	-
	4/17/2006	-		0.2	I	no blue green algae visible
	5/2/2006	9.6		0.3	I	no blue green algae present
	5/16/2006	-		0.2	I	no blue green algae present
	6/6/2006	22.6		0.2	I	no blue green algae present
	6/19/2006	-		0.6	I	no blue green algae present
	7/6/2006	30		0.3	I	no blue green algae present
	7/17/2006	-		0.2	I	no blue green algae present
	8/1/2006	13.8		0.2	I	no blue green algae present
	8/21/2006	-		0.6	I	no blue green algae present
	9/5/2006	38.2		0.4	I	
E02 (north end Lake Kissimmee)	1/23/2006	-		<0.1	U	no visible blue green algae
	2/27/2006	-		<0.1	U	no blue green algae visible
	3/20/2006	-		0.2	I	-
	4/17/2006	-		0.3	I	no blue green algae visible on surface
	5/2/2006	8		0.4	I	no blue green algae present
	5/15/2006	-		0.3	I	no blue green algae present
	6/6/2006	45.1		0.6	I	no blue green algae present
	6/19/2006	-		1.6		no blue green algae present
	7/6/2006	36		0.8		no blue green algae present
	7/17/2006	-		0.8		no blue green algae present
	8/1/2006	28.8		0.5	I	no blue green algae present
	8/21/2006	-		1.3		no blue green algae present
	9/5/2006	43.3		0.7	I	

Flagged data is due to accuracy and precision issues. The flags indicate quality control parameters which fell outside what is normally accepted for this analyte. Appropriate caution should be used in interpreting the data. Data table lists only sites sampled.

### Flag:

**J** = failed quality control criteria for accuracy or precision

**Q** = time between collection and analysis exceeded criteria

**I** = result is between the laboratory minimum detection limit and the laboratory practical quantitation limit

**U** = result is undetected at the minimum detection limit